

Figure 1A

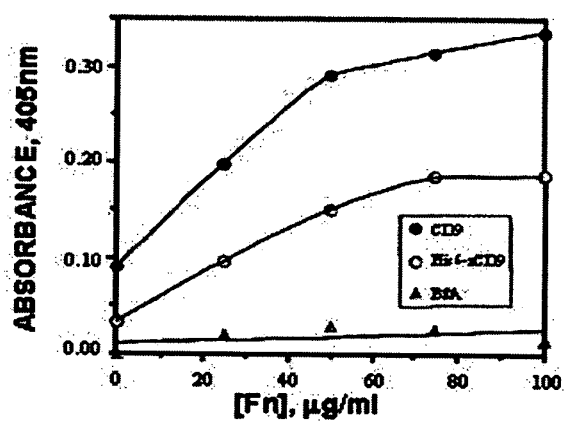


Figure 1B

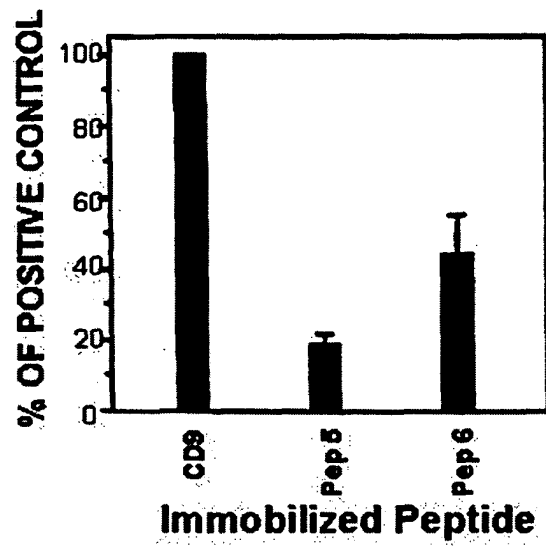


Figure 2A

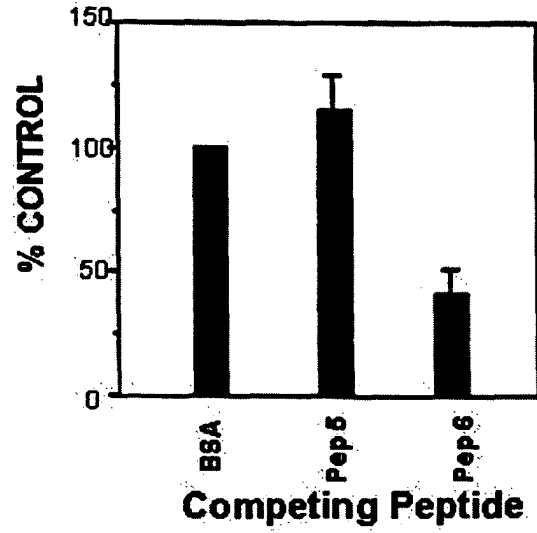


Figure 2B

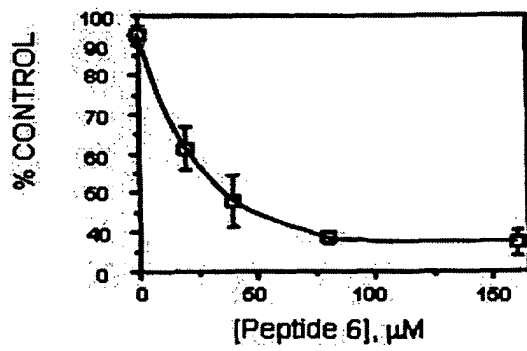


Figure 2C

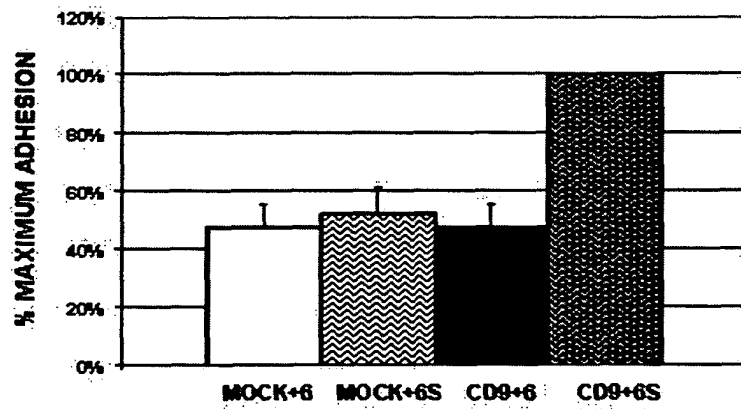


Figure 2D

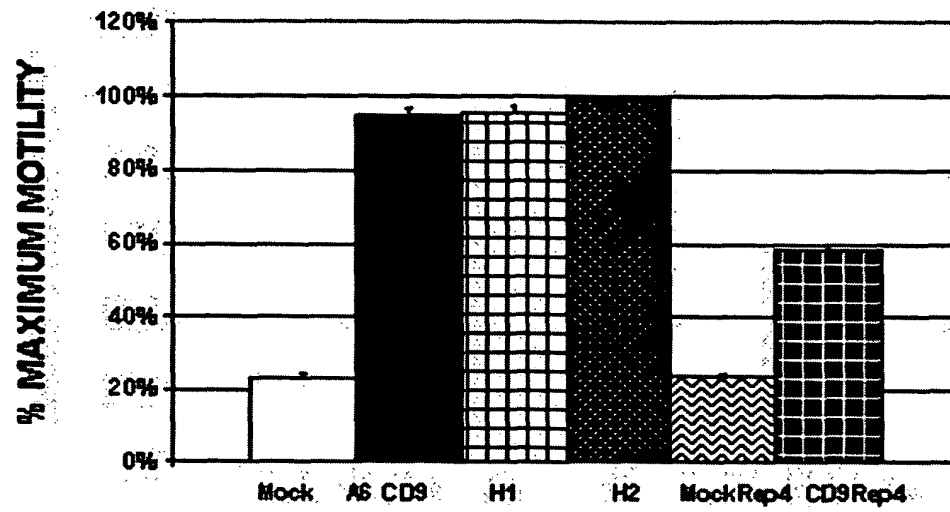


Figure 3

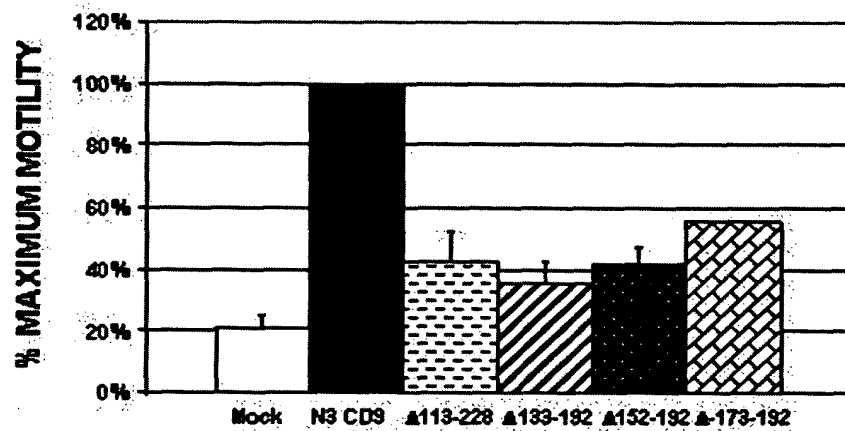


Figure 4A

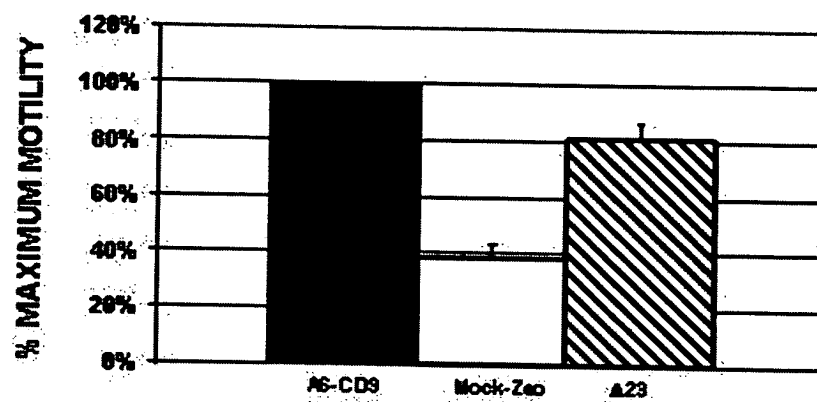


Figure 4B

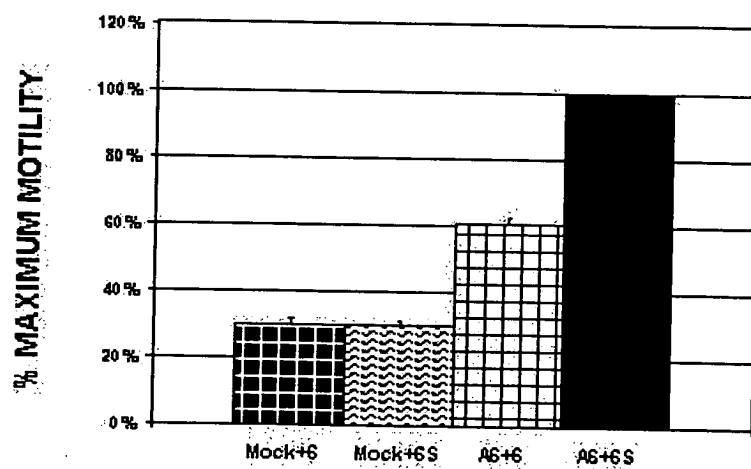


Figure 4C

```

                                     EC1 start
      1          10          20          30          40
CD9      M P V K G O T K C I K Y L L F O F N F I F W L A O I A V L A I G L W L R F D E Q T K S I
Δ113-228 - - - - -
Δ133-192 - - - - -
Δ152-192 - - - - -
Δ173-192 - - - - -
Δ23      - - - - -

                                     EC1 end
      50          60          70          80
CD9      F E Q E T N N N N E B F Y T O V Y I L I O A O A L M M L V O F L O C C O A V Q E S O O M
Δ113-228 - - - - -
Δ133-192 - - - - -
Δ152-192 - - - - -
Δ173-192 - - - - -
Δ23      - - - - -

      90          100          110          120          130
CD9      L O L F F O F L L V I F A I E I A A A I W O Y I H K D E V I K E V Q E F Y K O T Y N K L
Δ113-228 - - - - -
Δ133-192 - - - - -
Δ152-192 - - - - -
Δ173-192 - - - - -
Δ23      - - - - -

                                     EC2 start
      140          150          160          170
CD9      K T K D E P Q R E T L K A I H Y A L N C O L A G G V E Q F I B D I C P K K D V L E T F
Δ113-228 - - - - -
Δ133-192 - - - - -
Δ152-192 - - - - -
Δ173-192 - - - - -
Δ23      - - - - -

                                     EC2 end
      180          190          200          210
CD9      T V K S C P D A L K E V F O M K F H I O A V O I O I A V V M I F O M I F S M I L O C
Δ113-228 - - - - -
Δ133-192 - - - - -
Δ152-192 - - - - -
Δ173-192 - - - - -
Δ23      - - - - -

      220
CD9      A I R R N R E M V
Δ113-228 - - - - -
Δ133-192 - - - - -
Δ152-192 - - - - -
Δ173-192 - - - - -
Δ23      - - - - -

```

Figure 5

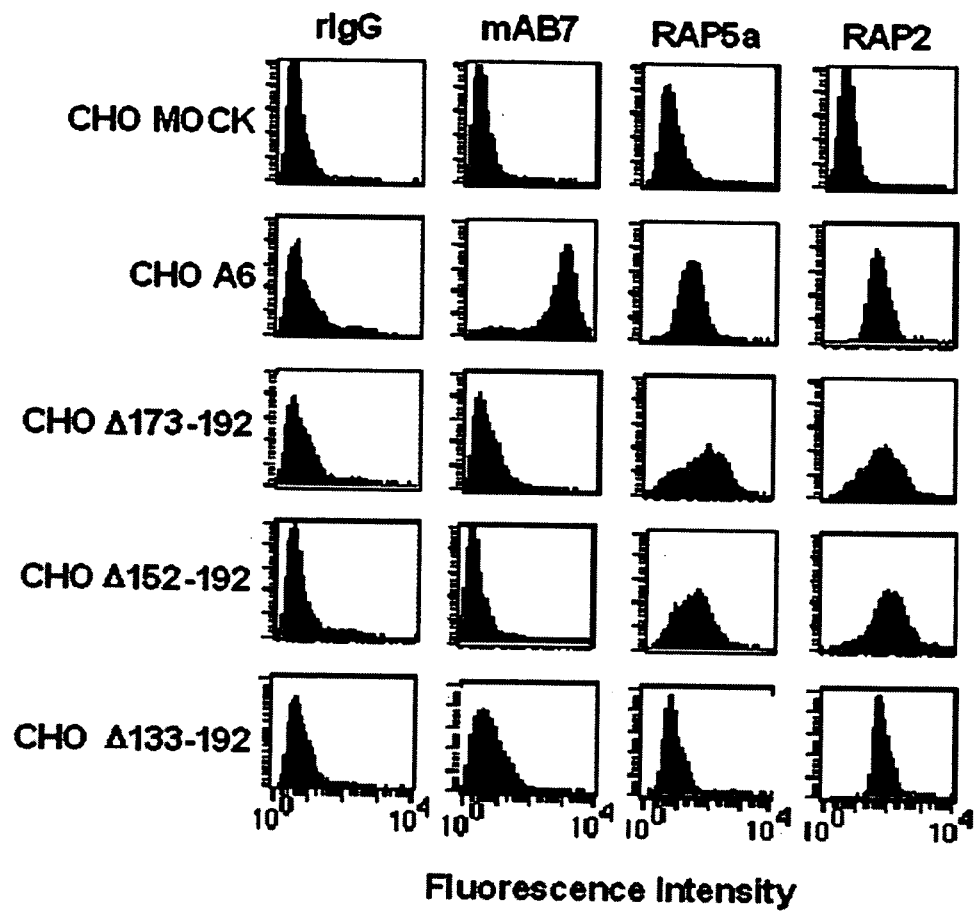
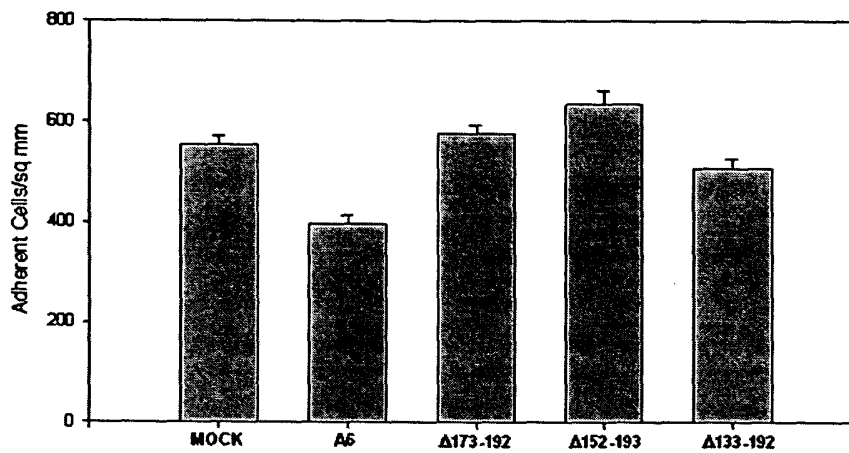
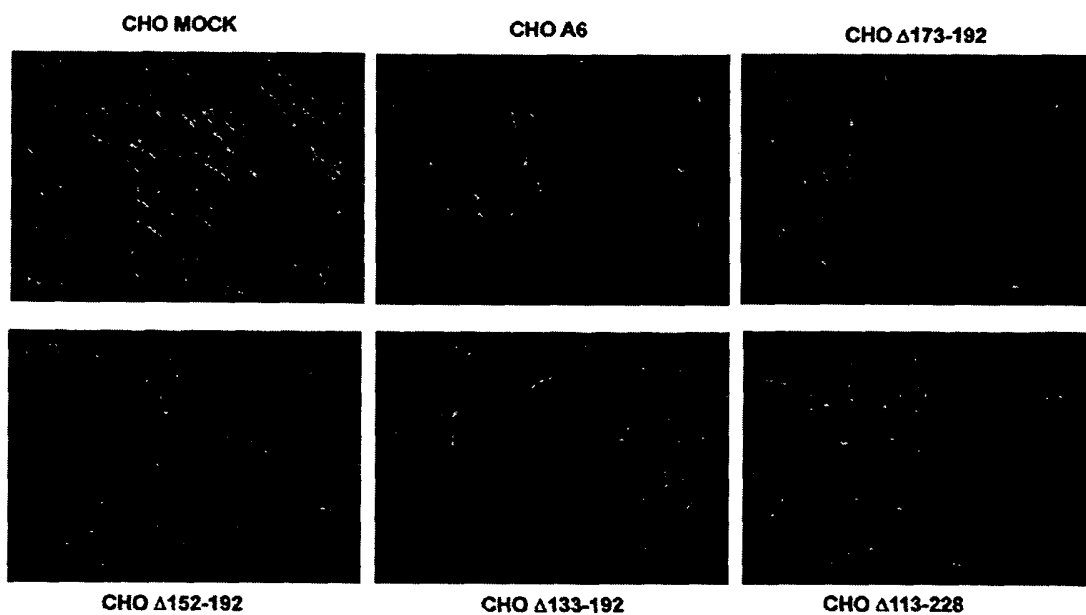


Figure 6

A**B****Figures 7A-B**

**Figure 8A**

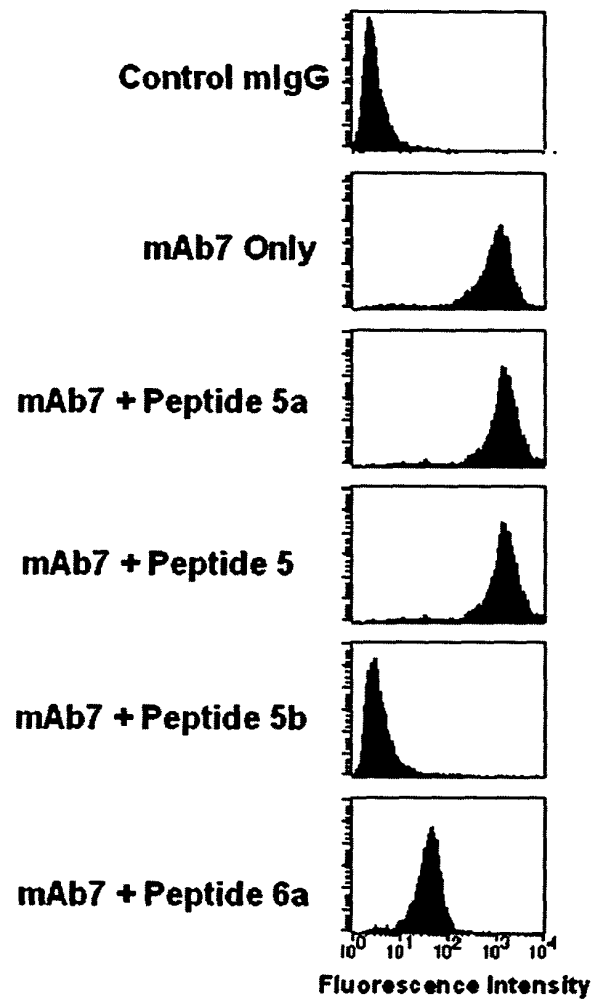


Figure 8B

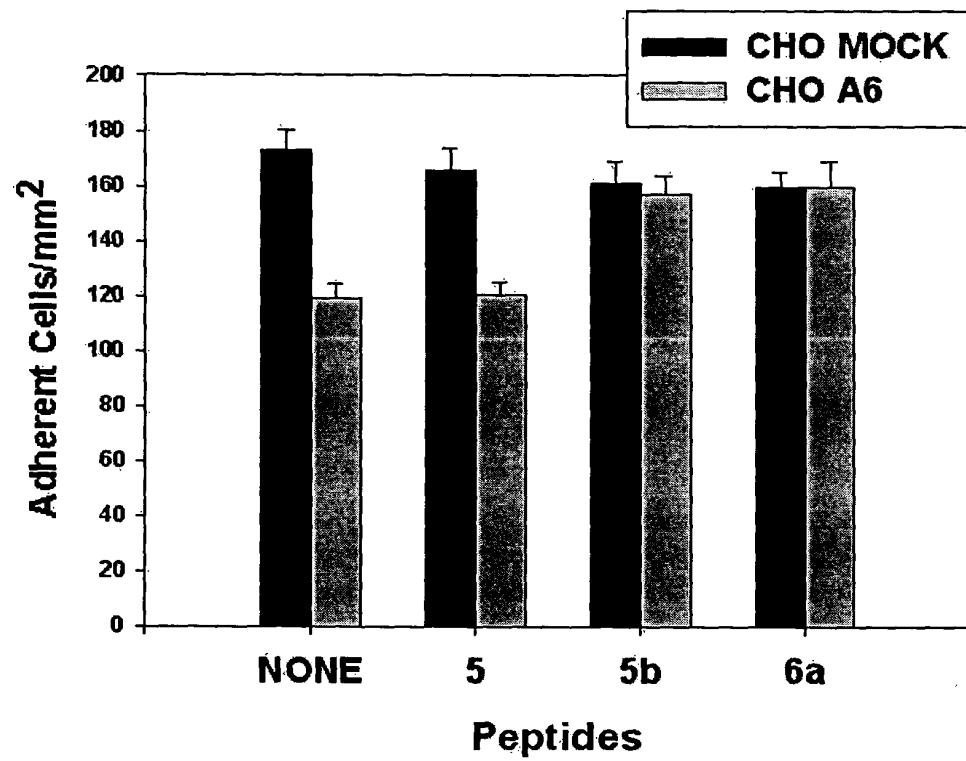
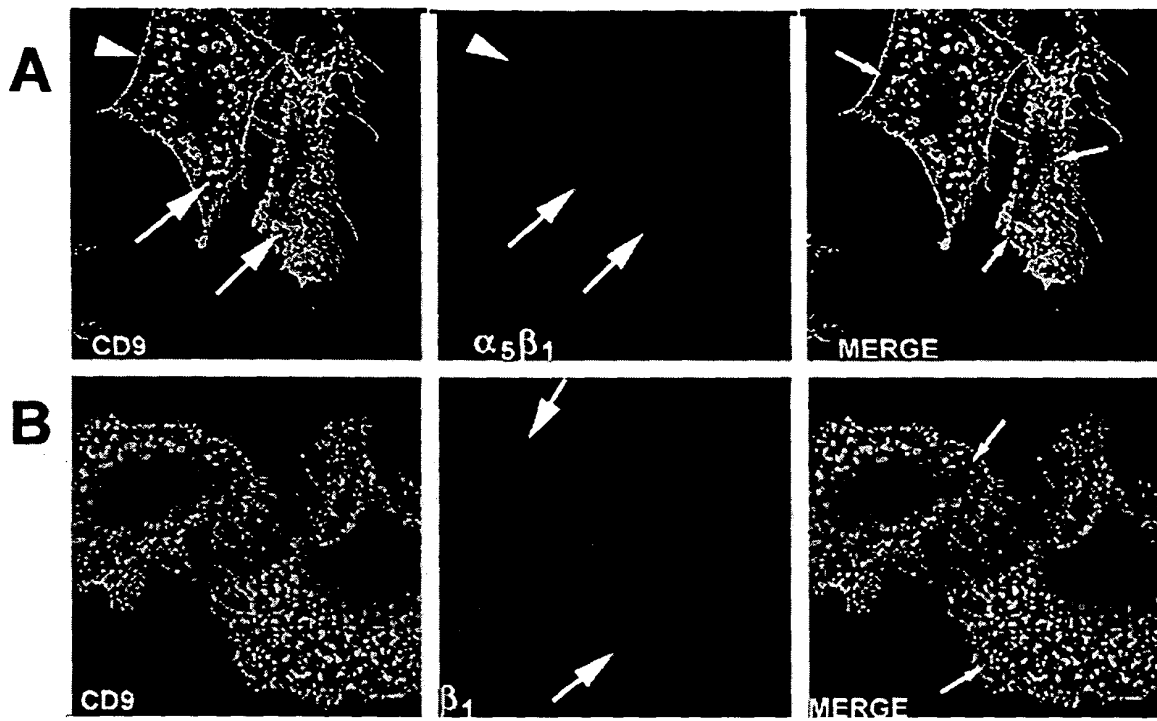


Figure 8C



Figures 9A-B

12/28

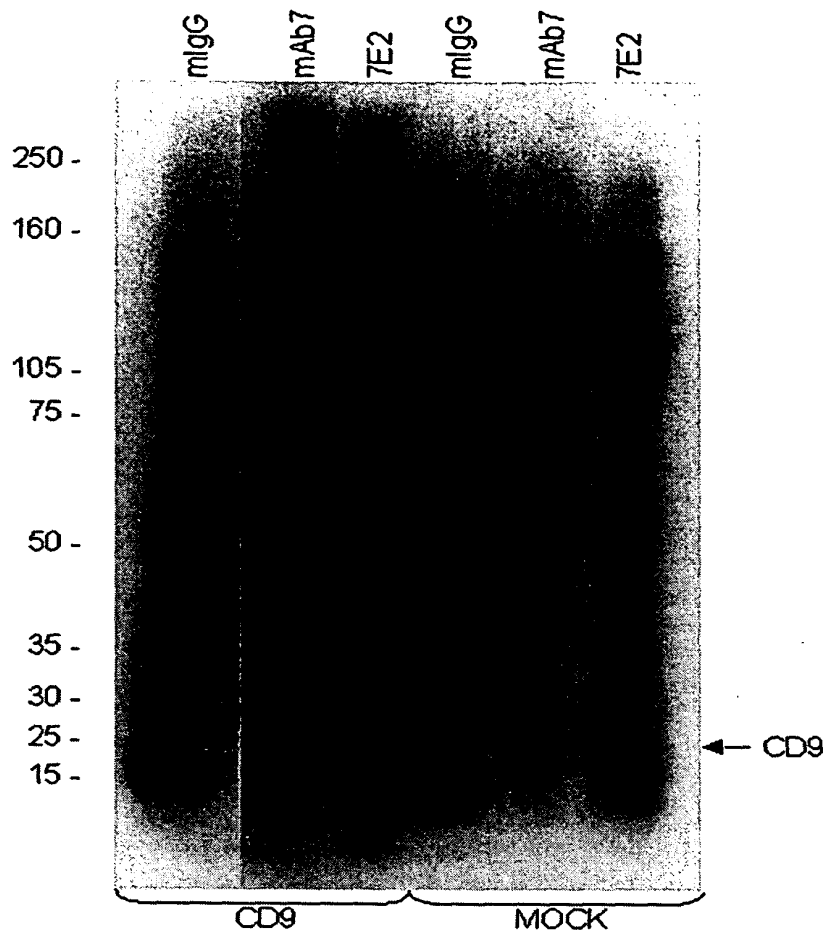


Figure 10A



Figure 10B

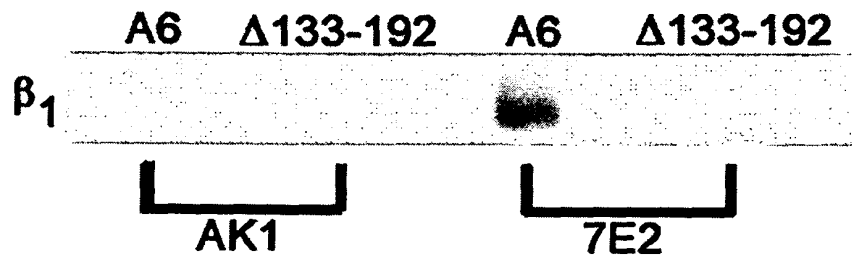


Figure 10C

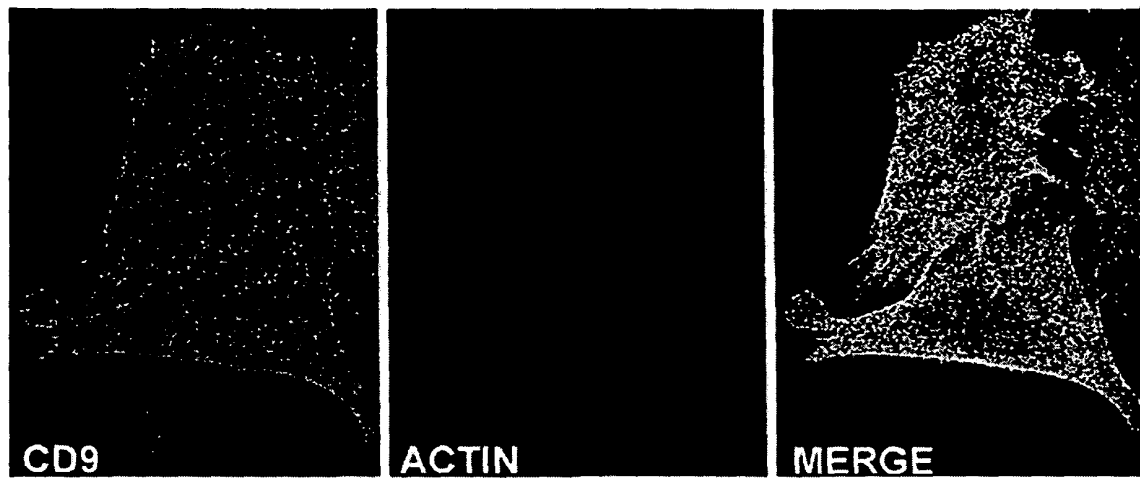


Figure 11

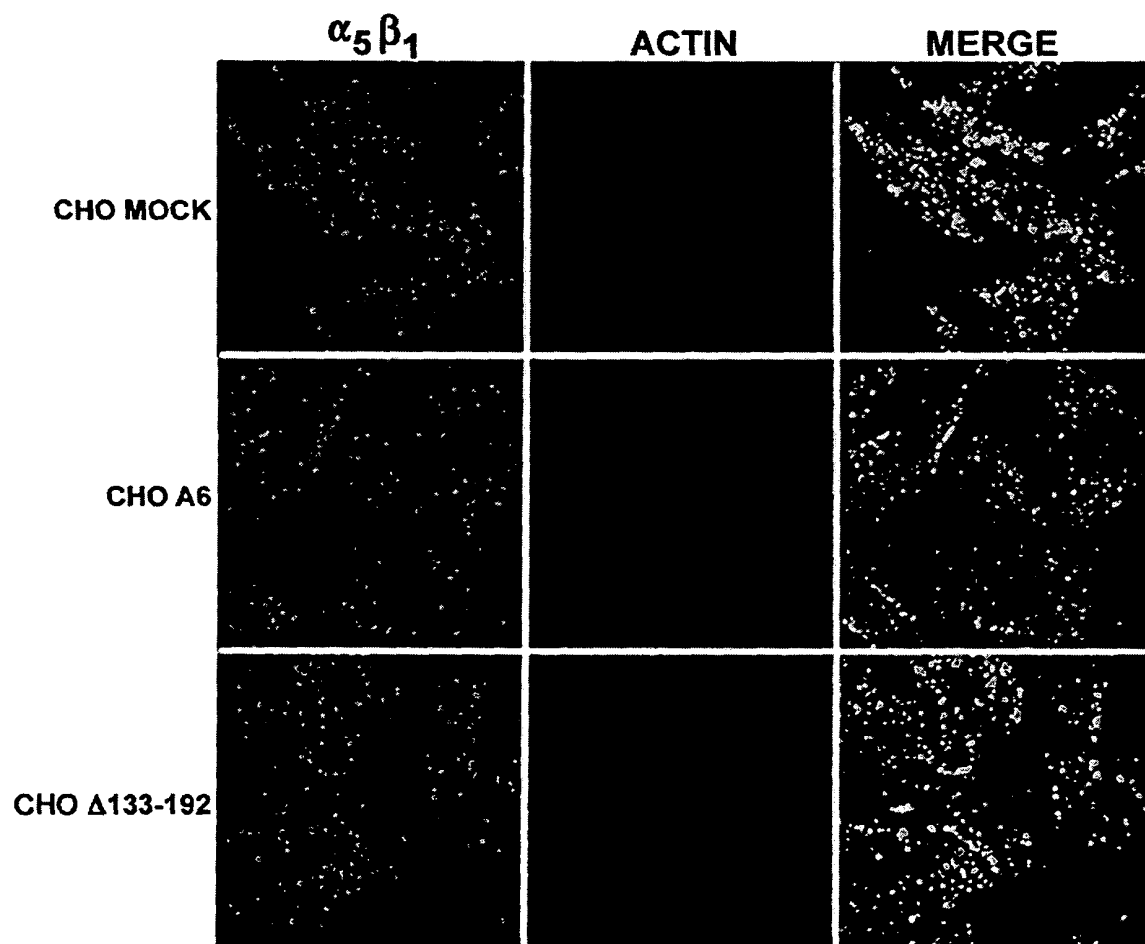
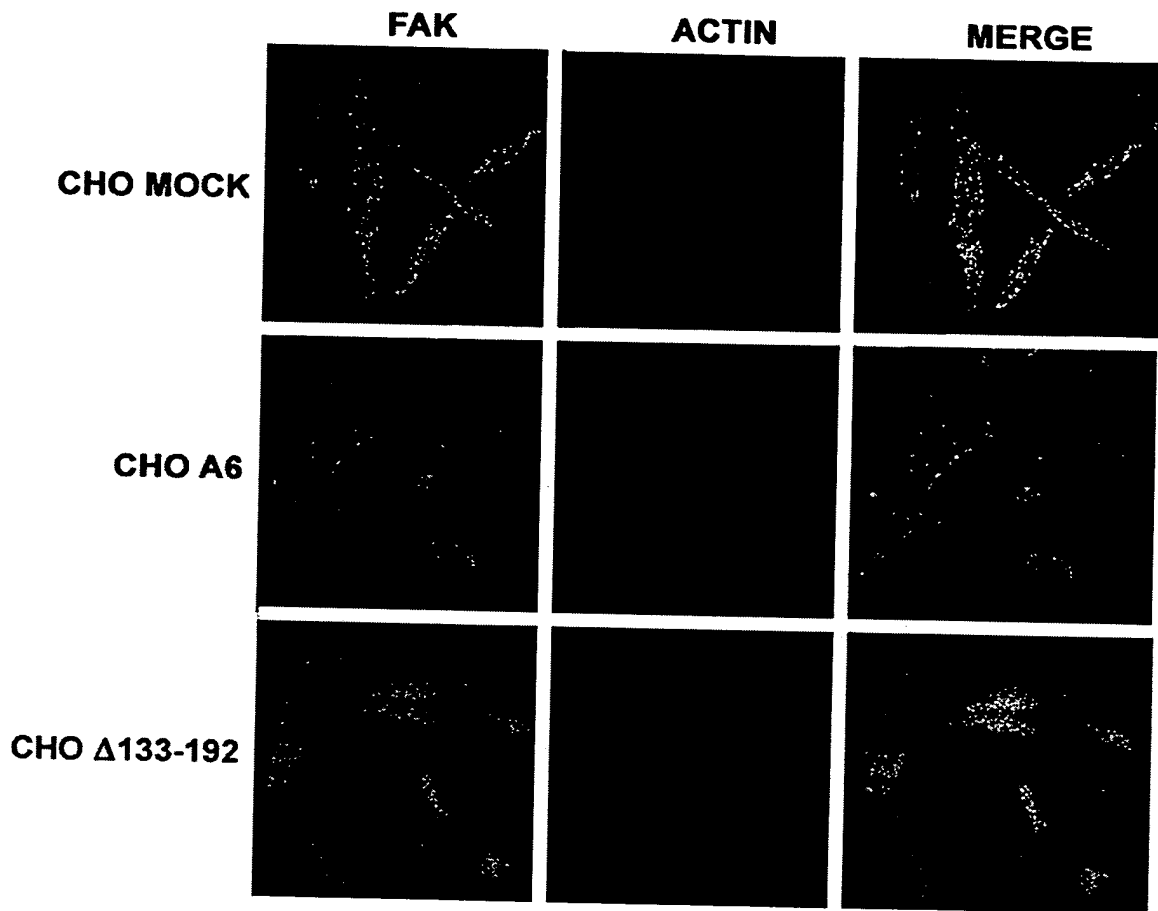
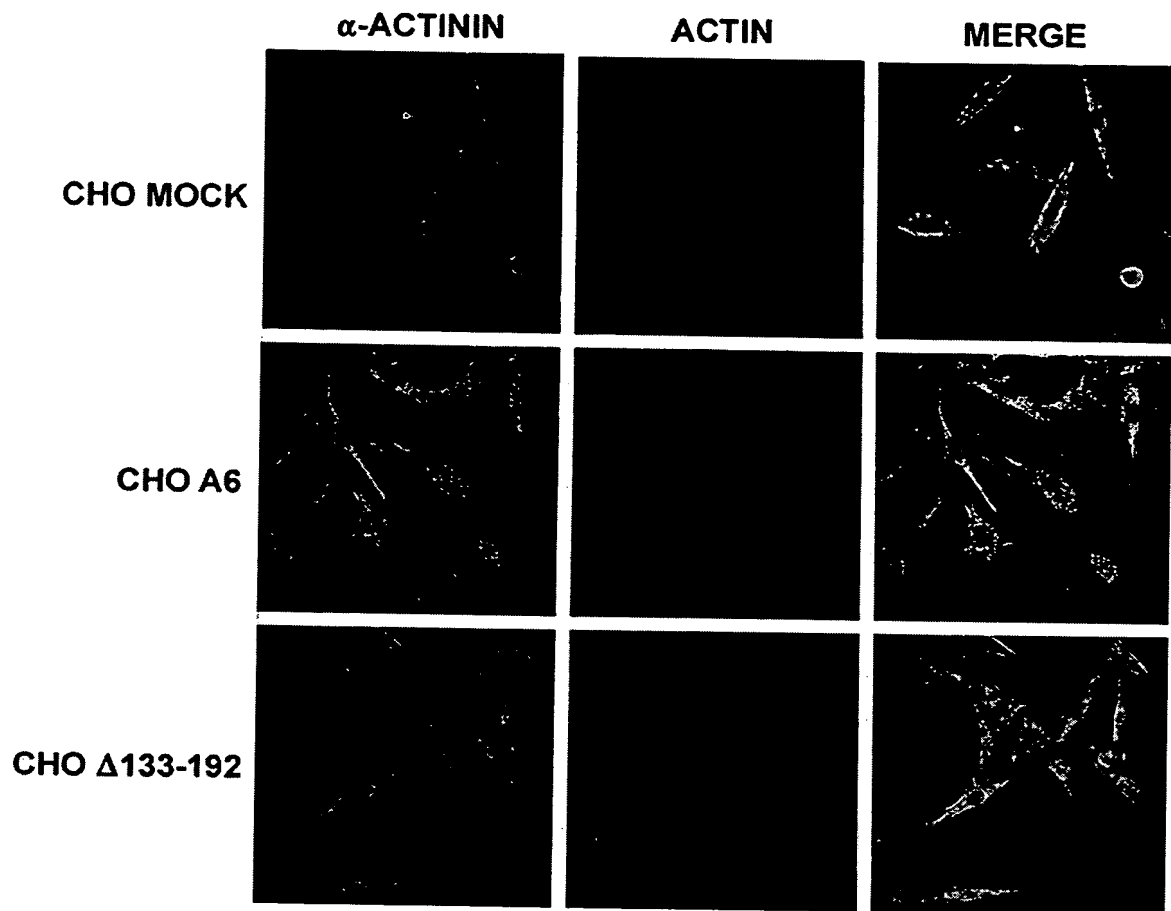
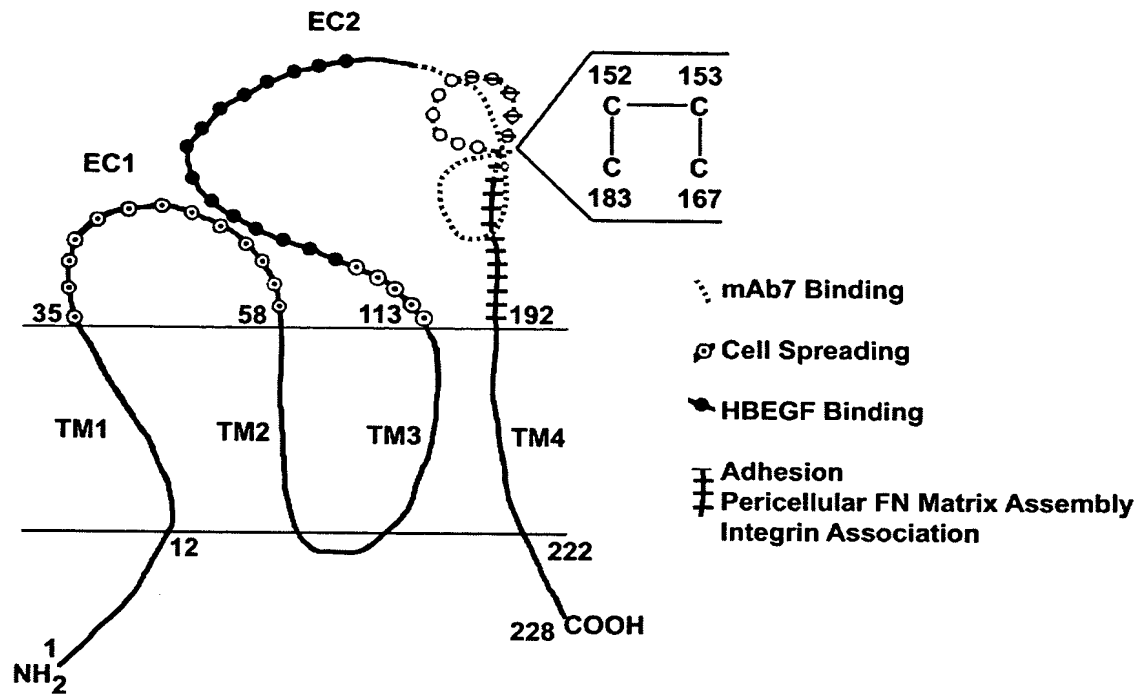


Figure 12

**Figure 13**

**Figure 14**

**Figure 15**

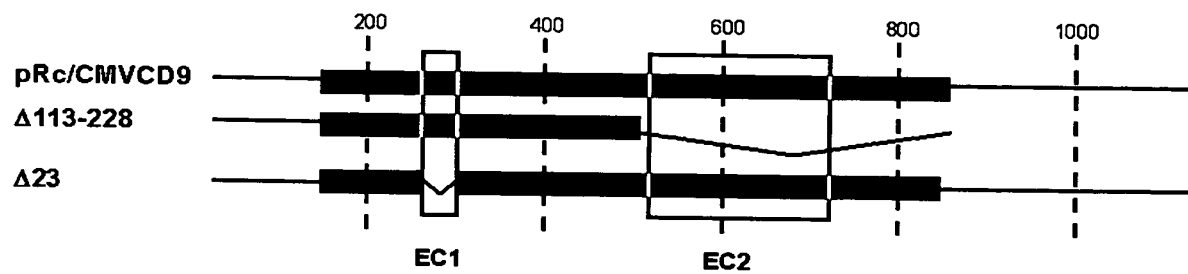


Figure 16

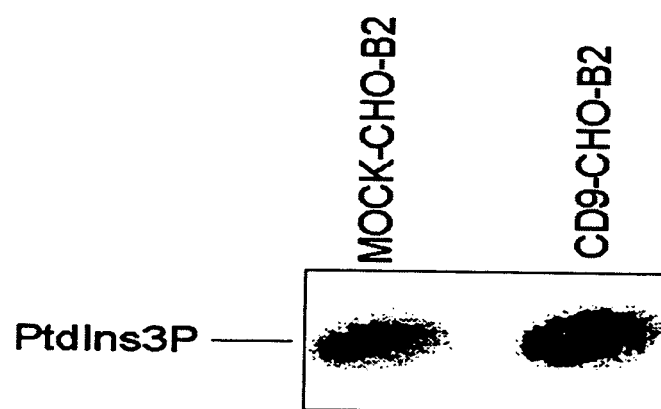


Figure 22

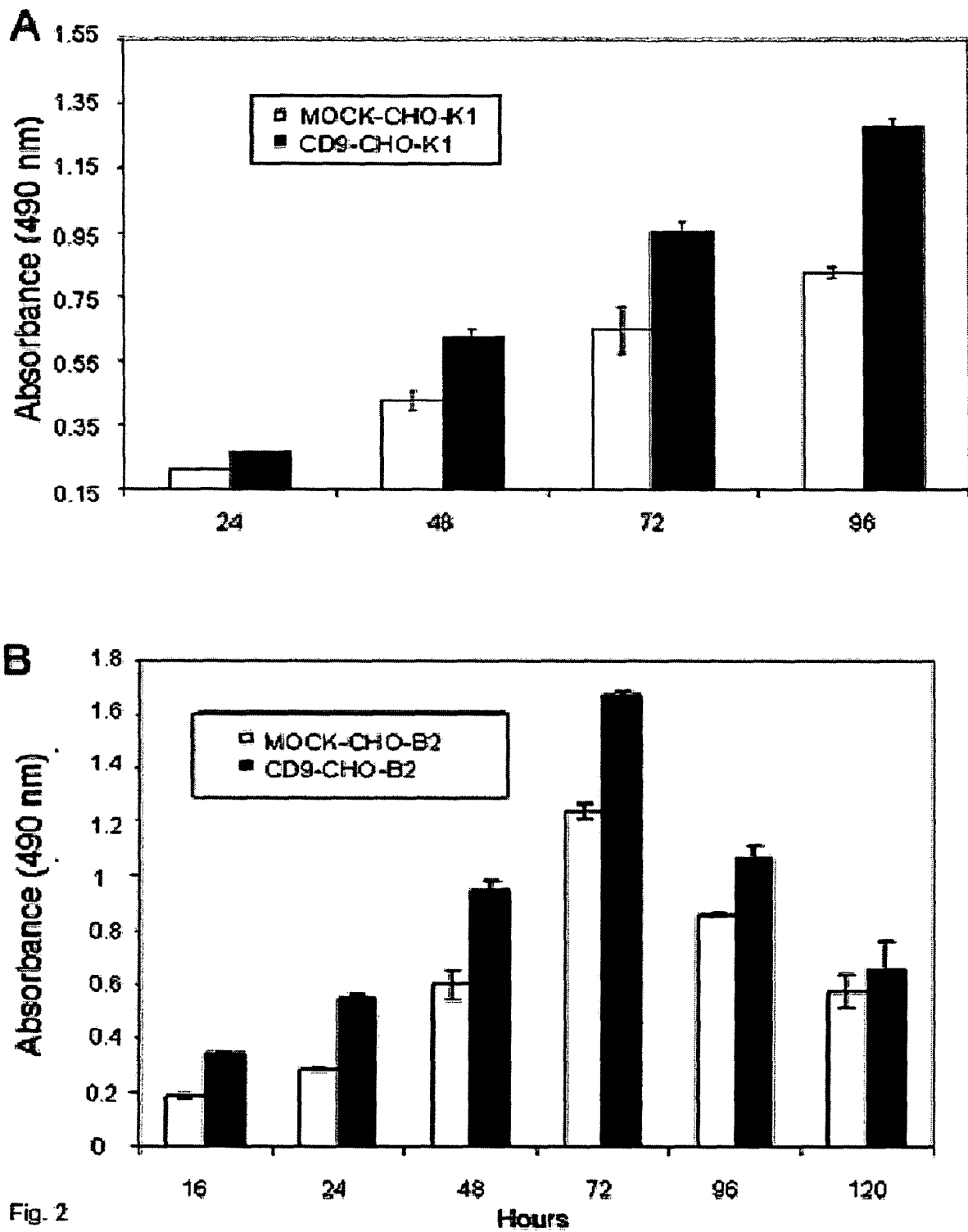
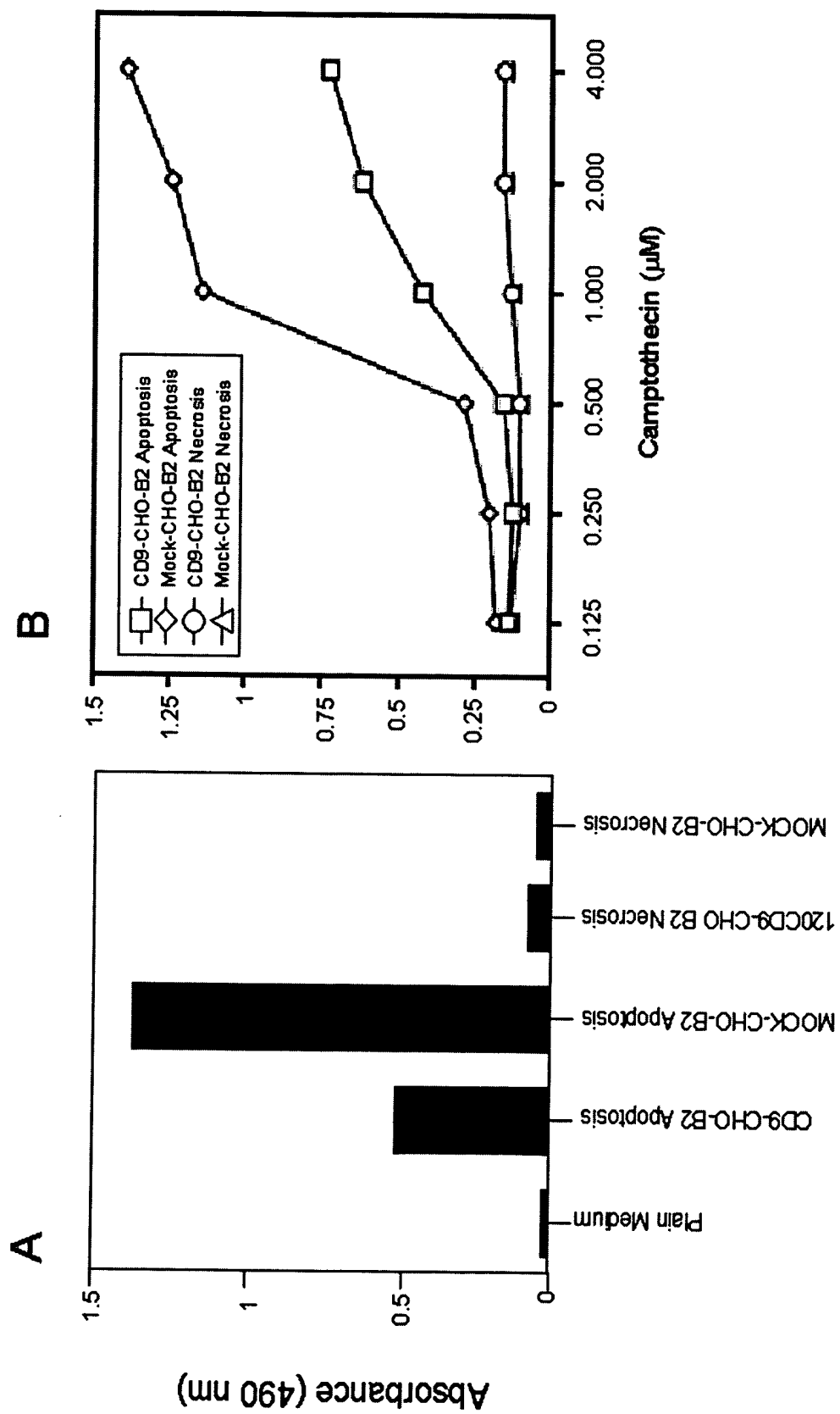
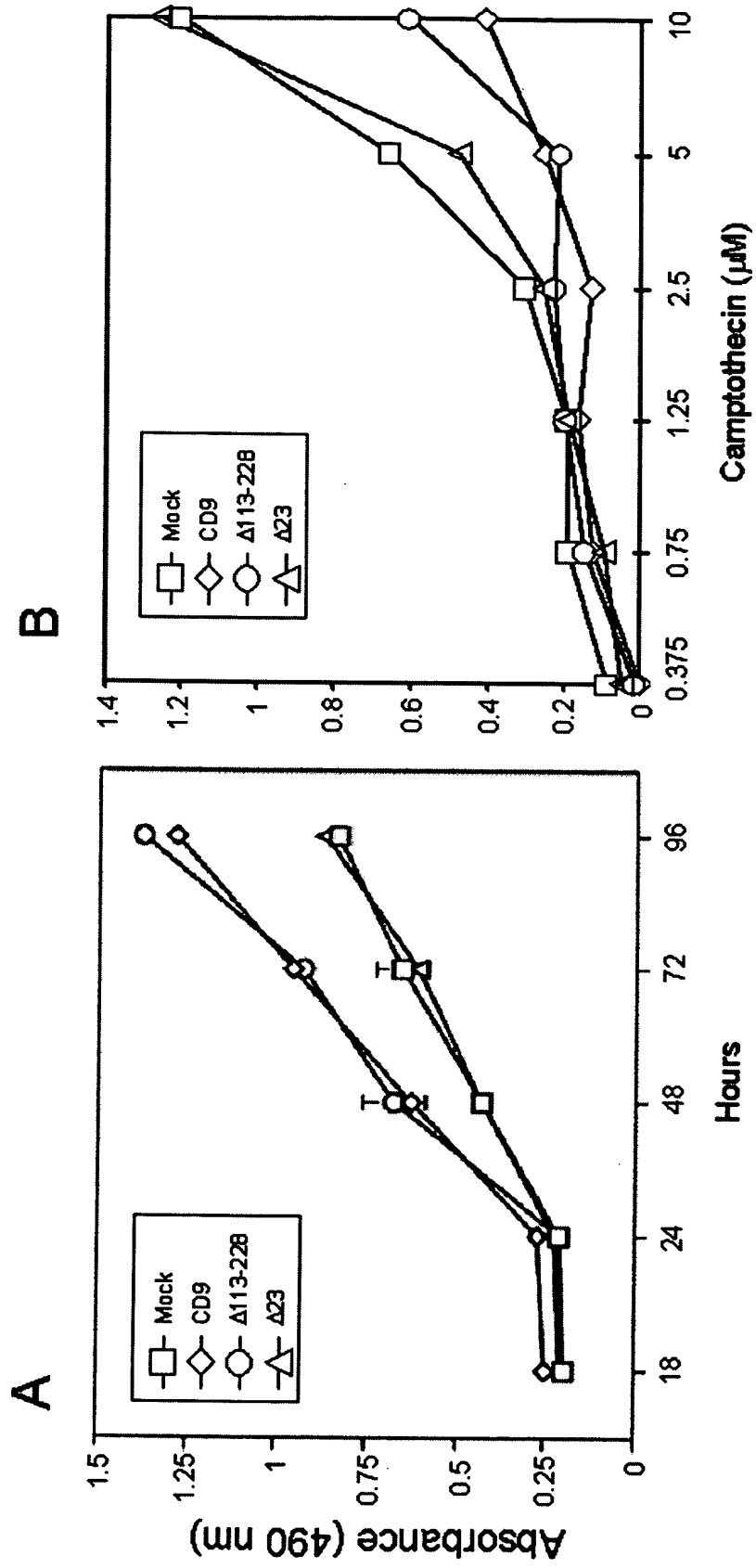


Fig. 2

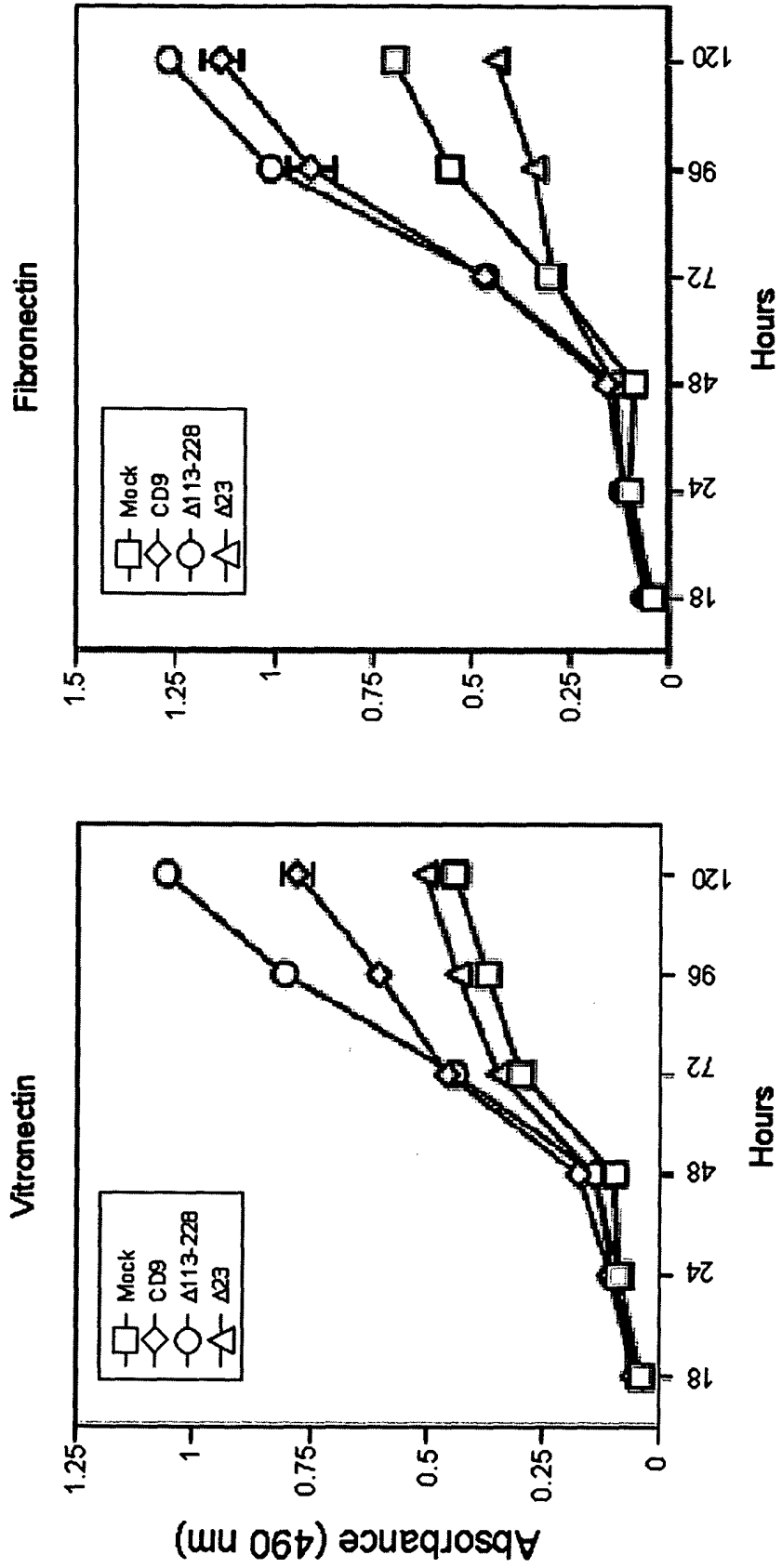
Figures 17A-B



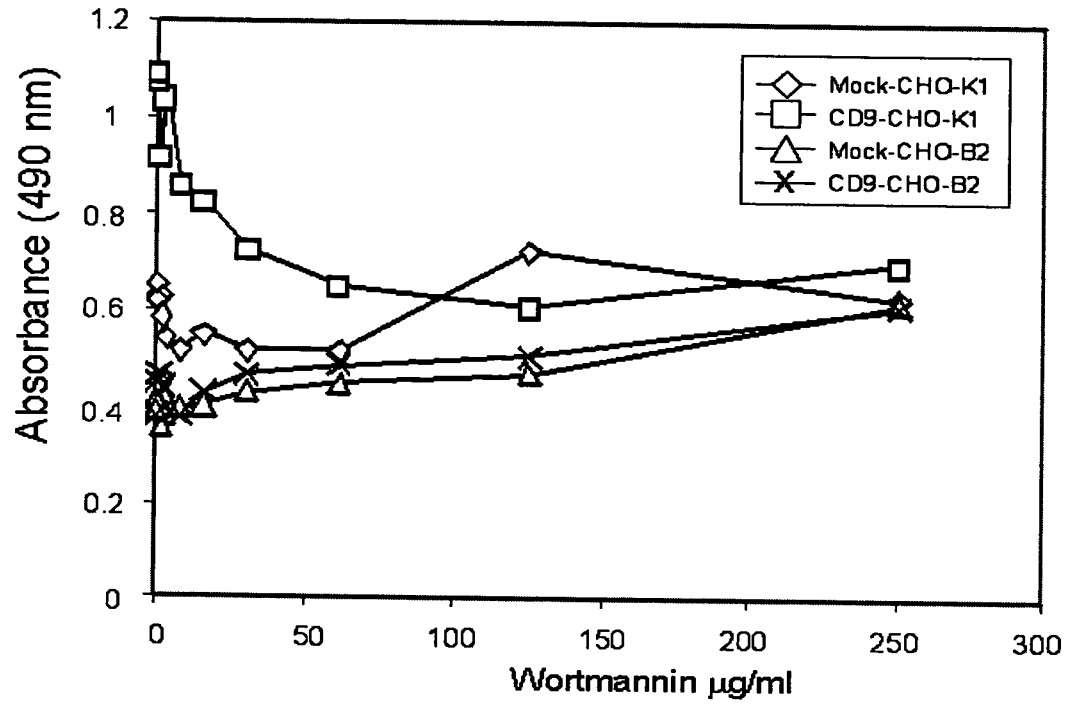
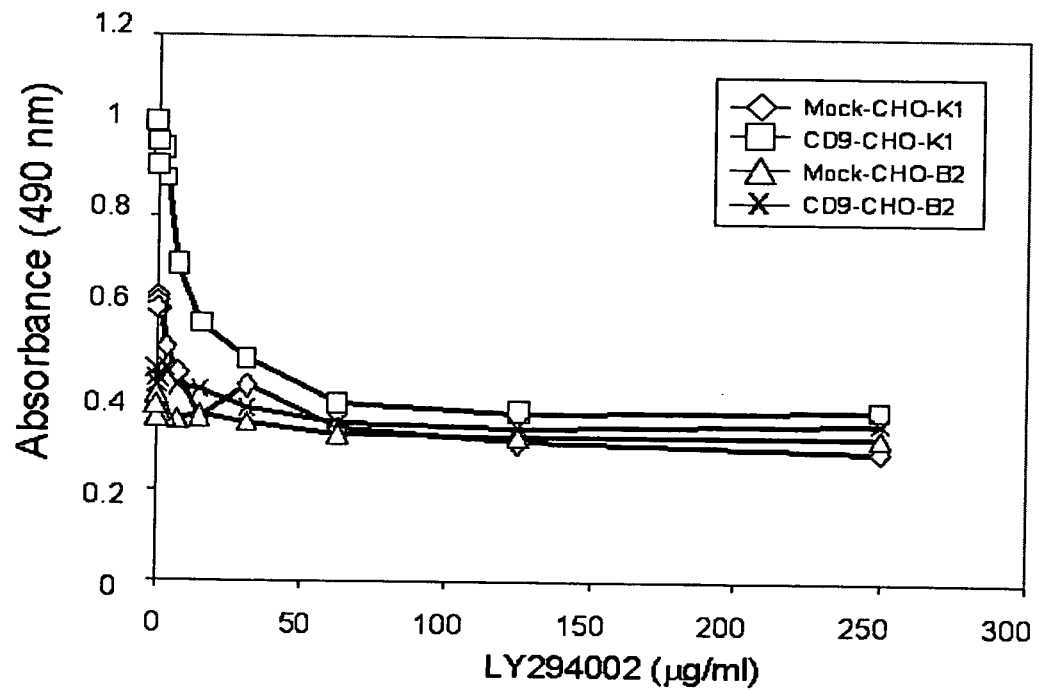
Figures 18A-B

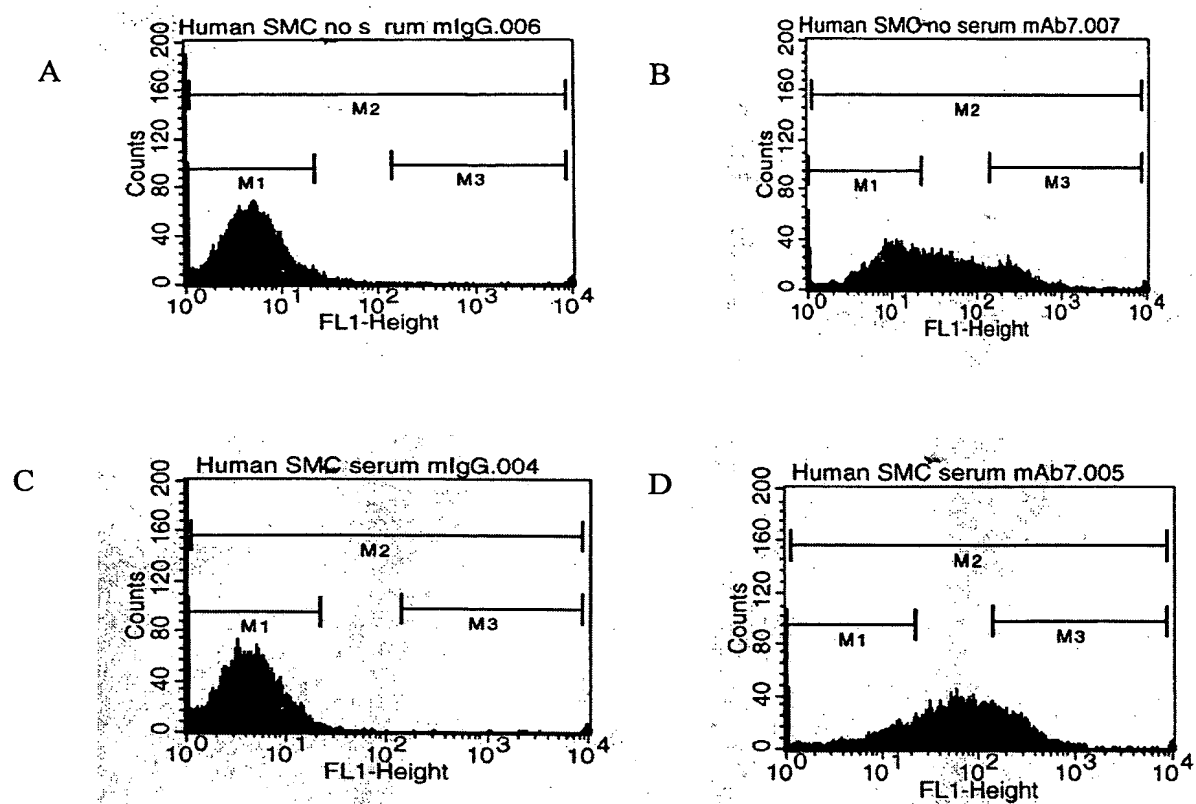


Figures 19A-B

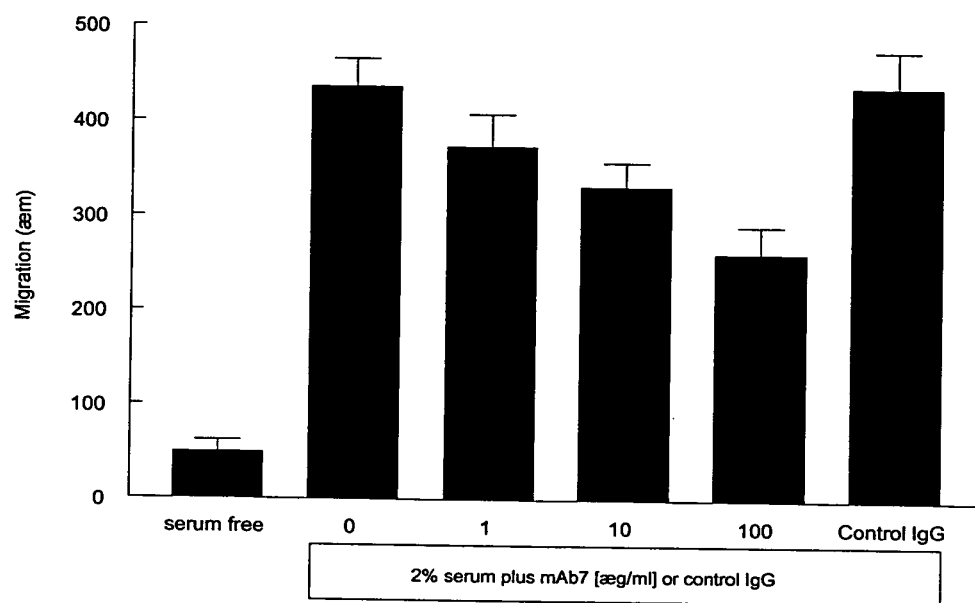


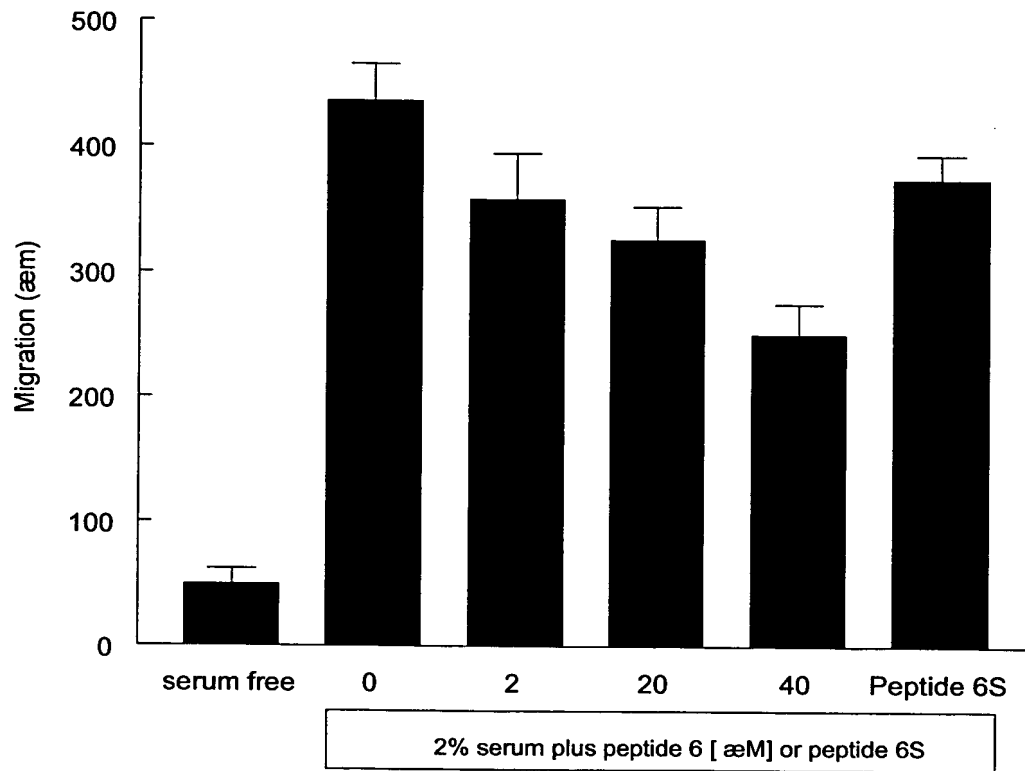
Figures 20A-B

A**B****Figure 21A-B**

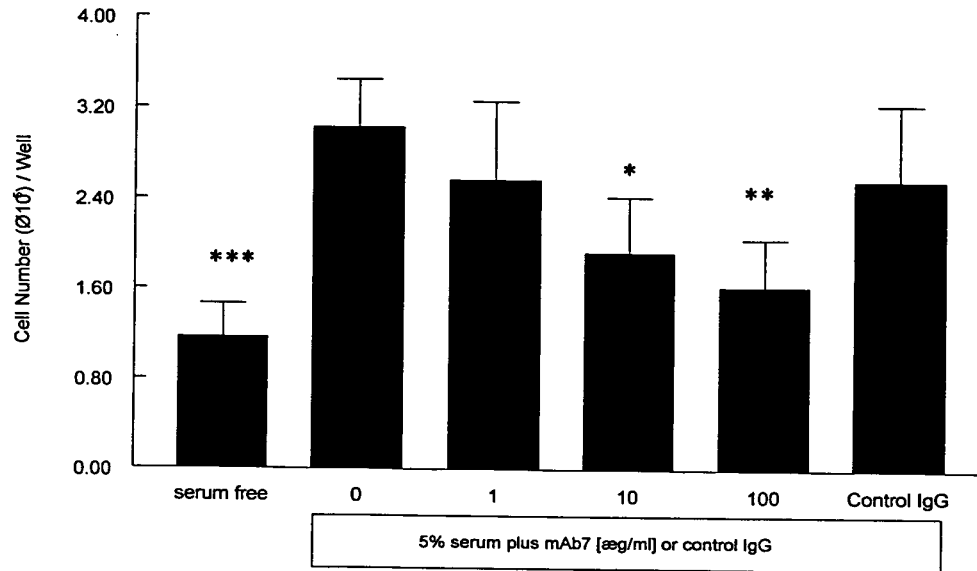


Figures 23A-E

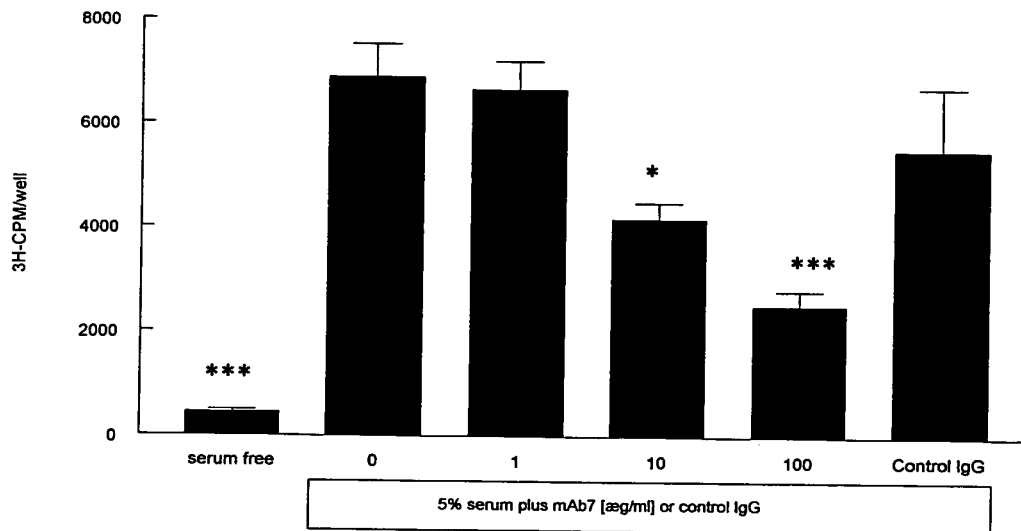
**Figure 24**

**Figure 25**

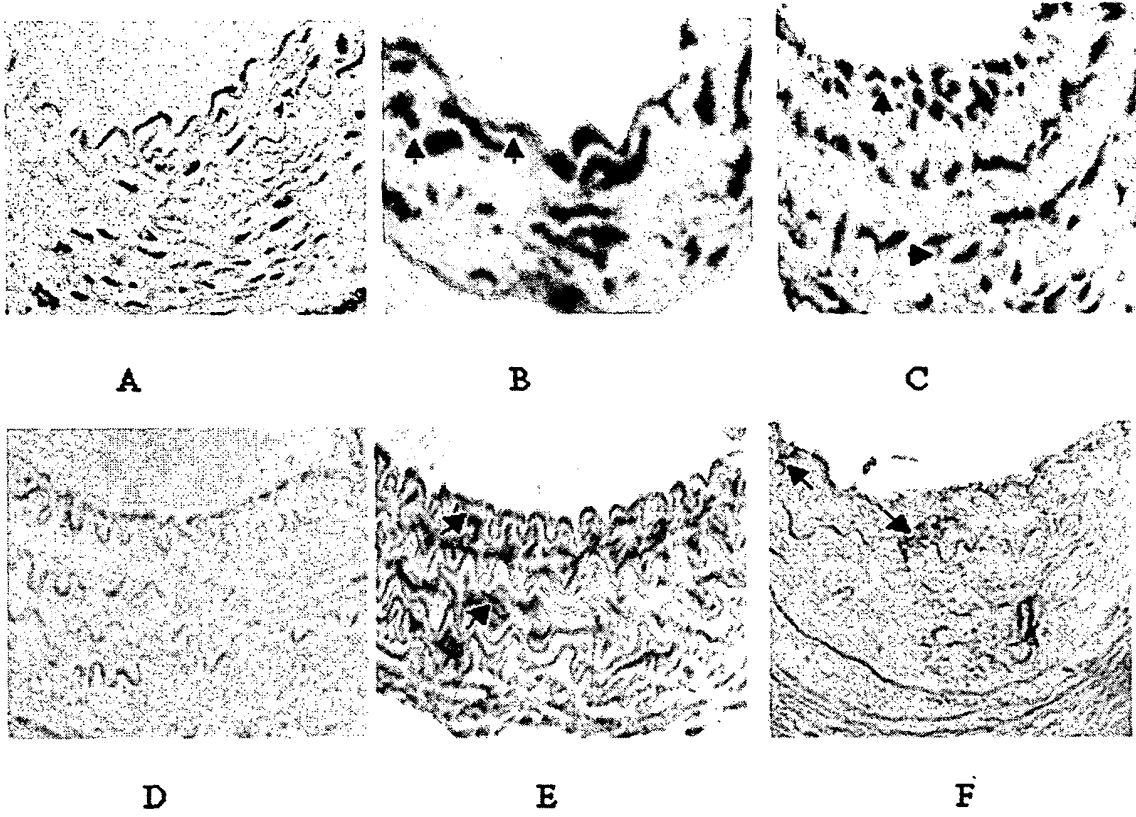
A



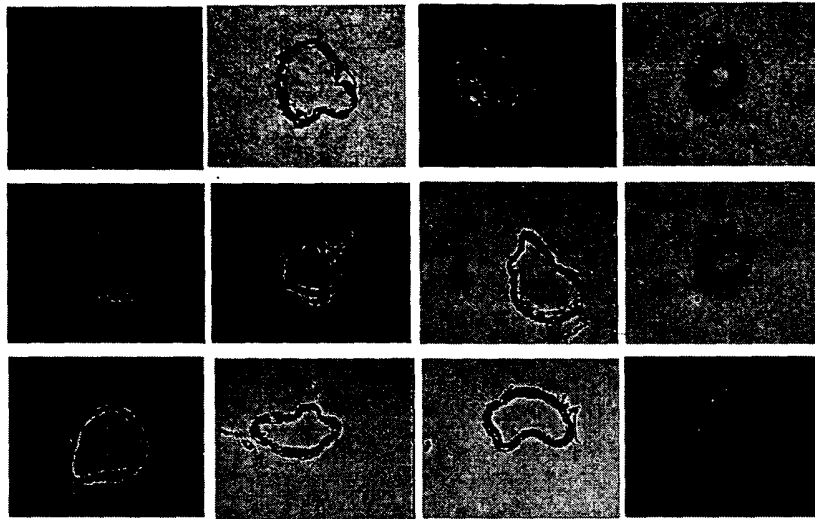
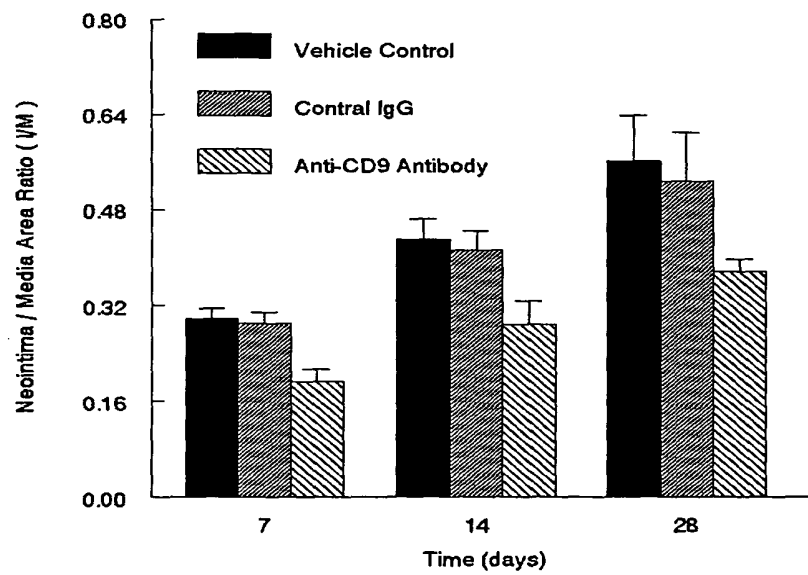
B



Figures 26A-B



Figures 27A-F

**Figure 28A****Figure 28B**